

CLAIMS

1. An air conditioning monitoring and control system (100), comprising:
 - an air conditioner (30a, 30b ..., 31),
 - a first air conditioning monitoring and control device (21) communicating with the air conditioner (30a, 30b ..., 31) via a first communication line (53) and including first monitoring and control means and second monitoring and control means that are configured to monitor and/or control the air conditioner (30a, 30b ..., 31), and
 - a second air conditioning monitoring and control device (22) communicating with the air conditioner (30a, 30b ..., 31) via a second communication line (53) and including the first monitoring and control means and third monitoring and control means that are configured to monitor and/or control the air conditioner (30a, 30b ..., 31).
2. The air conditioning monitoring and control system according to claim 1, wherein the first air conditioning monitoring and control device and the second air conditioning monitoring and control device communicate with the air conditioner using a first communication protocol.
3. The air conditioning monitoring and control system (100) according to claim 2, further comprising:
 - a first monitoring panel (11) being connected to or built into the first air conditioning monitoring and control device so as to monitor the air conditioner, and
 - a second monitoring panel (12) being connected to or built into the second air conditioning monitoring and control device so as to monitor the air conditioner,wherein the second air conditioning monitoring and control device further includes a communication protocol conversion means (22d) capable of converting between a first communication protocol and a second communication protocol,
the first monitoring panel is configured to communicate with the first air conditioning monitoring and control device using the first communication protocol, and
the second monitoring panel is configured to communicate with the second air conditioning monitoring and control device using the second communication protocol.

4. The air conditioning monitoring and control system (100) according to claim 3, wherein

the first communication protocol is a manufacturer-private protocol, and
the second communication protocol is an open protocol.

5 5. The air conditioning monitoring and control system (100) according to any one of claims 1 through 4, wherein

the first communication line (53) and the second communication line (53) are the same communication line.

6. The air conditioning monitoring and control system according to any one of claims 1
10 10. wherein

the first monitoring and control means is capable of controlling at least one type of control with respect to the air conditioner, and

at least one of the first air conditioning monitoring and control device and the second air conditioning monitoring and control device has control selection means

15 that allows the selection to enable or disable the one type of control, or each of at least two types of control in the case where the first monitoring and control means is capable of performing two or more types of control.

7. The air conditioning monitoring and control system according to claim 6, wherein
20 the control performed by the first monitoring and control means includes at least one of forcible thermo OFF control and scheduled operation control of the air conditioner.